

INTERNATIONAL SEARCH REPORT

CORRECTED VERSION

International Application No
PCT/JP2004/011854

A CLASSIFICATION OF SUBJECT MATTER C01B21/14		
According to International Patent Classification (IPC) or to both national classification and IPC		
B FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) COIB		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO- Internal, CHEM ABS Data, WPI Data		
C DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	DE 197 33 681 A1 (BASF AG, 67063 LUDWIGSHAFEN, DE) 11 February 1999 (1999-02-11) cited in the application * page 5, lines 38-42; comparative examples *	1-39
X	----- DATABASE CA [Online] CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; BANSHO, KUMIKO ET AL: "Production of free hydroxyl amine aqueous solution with high yield" XPO0235 Q44 retrieved from STN Database accession no. 136:202673 abstract <div style="text-align: right;">-/-</div>	1
<div style="display: flex; justify-content: space-between;"> <input checked="" type="checkbox"/> Further documents are listed in the continuation of box C <input checked="" type="checkbox"/> Patent family members are listed in annex </div>		
<div style="display: flex;"> <div style="flex: 1;"> <p>* Special categories of cited documents</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier document but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p> </div> <div style="flex: 1;"> <p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p> </div> </div>		
Date of the actual completion of the international search <div style="text-align: center;">21 October 2005</div>		Date of mailing of the international search report <div style="text-align: center;">15. 12 2005</div>
Name and mailing address of the ISA European Patent Office P B 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel (+31-70) 340-2040 Tx 31 651 epo nl, Fax (+31 70) 340 3016		Authorized officer <div style="text-align: center;">Zalm, W</div>

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
	& JP 20Q2 068719 A2 (TORAY FINE CHEMICALS KK, JAPAN) 8 March 2002 (2002-03-08) -----	
A	US 5 472 679 A (LEVINTHAL ET AL) 5 December 1995 (1995-12-05) column 4, line 47 - line 63; claims; examples 5-7 -----	1,2,20
A	US 6 485 700 B1 (BANSHO KUMIKO ET AL) 26 November 2002 (2002-11-26) claims; example 1 -----	1,2,20
A	DE 35 28 463 A1 (BASF AG) 19 February 1987 (1987-02-19) cited in the application the whole document -----	1,2,20
A	US 4 707 294 A (MATHEW ET AL) 17 November 1987 (1987-11-17) column 4, line 36 - line 41; claims -----	1,2,20

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PC P2004/011854

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
DE 19733681	A1	11-02-1999	AT 220386 T 15-07--2002
			AU 748827 B2 13-06--2002
			AU 9158698 A 01-03--1999
			BR 9811119 A 18-07--2000
			CA 2299475 A1 18-02--1999
			CN 1131843 C 24-12--2003
			WO 9907637 A1 18-02--1999
			EP 1012114 A1 28-06--2000
			ES 2180194 T3 01-02--2003
			IL 134094 A 23-11--2003
			JP 3421013 B2 30-06--2003
			JP 2001513479 T 04-09--2001
			NO 20000551 A 04-04--2000
			RU 2189350 C2 20-09--2002
			TR 200000299 T2 22-01--2001
			TW 440540 B 16-06--2001
			US 6299734 B1 09-10--2001

JP 2002068719	A2		

INTERNATIONAL SEARCH REPORT

information on patent family members

International Application No

PC P2004/011854

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 2002068719	A2	-- -- -- -- -- -- -- -- --	
US 5472679	A	05-12-1995	NONE
US 6485700	B1	26-11-2002	JP 3394980 B2 07-04-2003 JP 2000211905 A 02-08-2000
DE 3528463	A1	19-02-1987	NONE
US 4707294	A	17-11-1987	NONE